A copy of the supporting documents and comments listed in the index are available for review and photocopying at EPA's Water Docket, 401 M Street, SW., Room 2616 Mall, Washington, DC.

The email address for the Water Docket is: OW-Docket@epamail.epa.gov.

For access to the Docket materials, call (202) 260-3027 between 8:00 a.m. and 4:30 p.m. (Eastern Standard Time) to make an appointment.

The public may copy a maximum of 100 pages at no charge. Additional copies cost \$0.15 per page.

I. UIC Class V Reproposal W-98-05 July 29, 1998

A.Federal Register Notice

B.References Cited in the Preamble

C.Other Supporting Documentation

D.Legal Citations

E.OMB Review

F.Meeting Summaries

G.Public Comments

- 1. Comments received or post-marked by September 28, 1998
- 2. Comments received or post-marked <u>after September 28</u>, 1998

W-98-05 UIC Class V - PRO I-A1.

Federal Register Notice

1.Federal Register. U.S. Environmental Protection Agency. Revisions to the Underground Injection Control Regulations for Class V Injection Wells. Proposed Rule. Vol. 63, No. 145. Wednesday, July 29, 1998. 40585-40619.

W-98-05 UIC Class V - PRO I-A2.

Other Federal Register Notice

1.Federal Register: U.S. Environmental Protection Agency. Revisions to the Underground Injection Control Regulations for Class V Injection Wells; Technical Corrections to Regulations for Class I Wells. Proposed Rule. Vol. 60, No. 166. Monday, August 28, 1995. 44652-44668. (See UIC-PRO '95 Class V/I A.1)

W-98-05 UIC Class V - PRO I-B

References Cited in the Preamble

- 1.American Petroleum Institute (API). January 1992. Handling Water Discharges from Automotive Service Facilities Located at Petroleum Marketing Operations. API Recommended Practice 1633, First Edition. 22 pp.
- 2."An Investigation of the Volatile Organic Content of Sludges, Sois and Liquids Entering the Missoula Aquifer from Selected Sources," prepared by the Missoula City-County Health Department, Environmental Health Division, Contributors: Tom Barger and Alan English, July 27, 1990. 16 pp.
- 3.Background Information titled "5X28 Service Station, Gilford, NH." Obtained from U.S. EPA Region 1 in May 1990. 8 pp.
- 4.Connecticut Department of Environmental Protection. November 4, 1992. Best Management Practices for the Protection of Ground Water. 131 pp. + 2 pp. cover letter from Oswala Inglese, Jr.
- 5.Department of Environmental Quality, Permitting & Compliance Division. Helena, Montana. Field Investigation Report for the Lang Creek Brewery. 41 pp.
- 6.English, Alan. February 1992. A Demonstration of Local/Federal Implementation of the EPA Shallow Injection Well Program in Missoula County, Montana. Inventory, Inspection, and Closure of Class V Injection Wells. Prepared for USEPA Region VIII. 298 pp.
- 7.Innovative Site Remediation Technology: Bioremediation. 1995. Edited by Anderson, W.C. One of Eight Volumes. Prepared by WASTECH. Seven selected pages including ASTM Method Designation: E 1739-95.
- 8. National Funeral Directors Association. March 18, 1998. Septic System Treatment Studies of Funeral Home Wastewater. 96 pp. + 2 pp. cover letter from Bryan Cave LLP.
 - 9.New Jersey Department of Environmental Protection and Energy. Fred H. Bowers and Gregory Cunningham. Distribution of Organic Contaminants in Automotive Waste Disposal Drywell Systems. 24 pp.
- 10.Site Description Printout for the Panhandle Eastern Pipeline Site. July 15, 1998. From Teresa Hattan, Kansas Department of Health and Environment. 3 pp.

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References Cited in the Preamble

- 11.United States District Court. District of Columbia. January 28, 1997. Sierra Club v. Carol M. Browner, Administrator, U.S. EPA. Consent Decree. For the proposed rulemaking for high risk Class V wells. 11 pp.
- 12.United States District Court for the District of Columbia. Sierra Club v. USEPA. Consent Decree. (August 10, 1994); Notice of Filing Consent Decree. 15 pp. (SEE UIC-PRO '95 Class V/I-G.2)
- 13.United States District Court. District of Columbia. December 30, 1993. Sierra Club v. Carol M. Browner, Administrator, U.S. EPA. Complaint for Declaratory and Injunctive Relief. Action to compel the U.S. EPA Administrator to propose and promulgate regulations preventing Class V injection wells from endangering drinking water. 15 pp. + 7 attachments (27 pp.)
- 14.United States District Court. District of Columbia. 1993. Sierra Club v. Carol M. Browner, Administrator, U.S. EPA. Complaint for Declaratory and Injunctive Relief. Compel the Administrator of the U.S. EPA to propose and promulgate regulations preventing Class V wells from endangering drinking water. 15 pp.
 - 15.USEPA. Undated. Proposed Class V UIC Rule: Initial Regulatory Flexibility Analysis (IRFA). 15 pp.
- 16.USEPA. Office of Ground Water and Drinking Water. July 22, 1998. Economic Analysis for the Proposed Revisions to Underground Injection Control Regulations for Class V Injection Wells. Volume 1. Prepared by Cadmus Group, Inc. 86 pp. (See also B.20, B.21, B.22)
 - 17.USEPA Region 3. July 15, 1998. Hazardous Site Cleanup Division. A.I.W. Frank/Mid-County Mustang, Pennsylvania. EPA ID# PAD004351003. Last Update: March, 1998. Superfund Site Fact Sheet. 2 pp.
 - 18.USEPA. March 1998. Analysis of Data from the National Administrative Order on Motor Vehicle Waste Disposal Wells. 4pp.
 - 19.USEPA. April 17, 1998. Final Report of the SBREFA Small Business Advocacy Review Panel on EPA's Planned Proposed Rule for Revisions to the Underground Injection Control Regulations for Class V Injection Wells. 505 pp.

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References Cited in the Preamble

- 20.USEPA. May 12, 1998. Economic Analysis for the Proposed Revisions to the Underground Injection Control Regulation for Class V Injection Wells: Volume 2. Prepared by Cadmus Group, Inc. 639 pp.
- 21.USEPA. May 12, 1998. Economic Analysis for the Proposed Revisions to the Underground Injection Control Regulation for Class V Injection Wells: Addendum 1 Draft. Prepared by Cadmus Group, Inc. 283 pp.
- 22.USEPA. May 12, 1998. Economic Analysis for the Proposed Revisions to the Underground Injection Control Regulation for Class V Injection Wells: Addendum 2 Draft. Prepared by Cadmus Group, Inc. 341 pp.
- 23.USEPA. December 1997. Office of Ground Water and Drinking Water. Possible Changes to the Class V UIC Requirements: Information for Owners and Operators of Class V Injection Wells. 22 pp.
- 24.USEPA. Office of Water. August 1997. State Source Water Assessment and Protection Programs Guidance. Final Guidance. Source Water Protection. EPA 816-R-97-009. 144 pp.
 - 25.USEPA. Office of Water. January 1997. Community Water System Survey Volume I: Overview. EPA 815-R-97-001a. 40 pp.
- 26.USEPA. Title XIV of the Public Health Service Act: Safety of Public Water Systems (Safe Drinking Water Act) [61 pp.] and Safe Drinking Water Amendments of 1996 [5 pp.]
- 27.USEPA. March 22, 1991. Drinking Water Contamination by Shallow Injection Wells. Office of Drinking Water. 64 pp. (SEE UIC-PRO '95 Class V/I-B.3)
 - 28.USEPA. Office of Water. Revised August 1989. Report of Class V Task Force on Trial Implementation of Analytical Process Motor Vehicle Repair and Maintenance Waste Disposal Wells. Prepared by Engineering Enterprises, Inc. 197 pp.
- 29.USEPA. Office of Water. September 1987. Report to Congress: Class V Injection Wells -- Current Inventory; Effects on Groundwater; Technical Recommendations. EPA 570/9-87-007. NTIS: PB 88-111596. 742 pp.

W-98-05 UIC Class V - PRO I-C

Other Supporting Documentation

- 1.English, Alan. December 1993. A Demonstration of Local/Federal Implementation of the EPA Shallow Injection Well Program in Missoula County, Montana. Inventory, Inspection, and Closure of Class V Injection Wells Final Report. Prepared for USEPA Region VIII. 223 pp.
- 2.International City/County Management Association (ICMA). Date unknown. Risky Waste Disposal Practices can Cost You Plenty: A Manager's Guide to Protecting Community Drinking Water. 4pp.
 - 3.Minnesota Pollution Control Agency. 1993. Underground Disposal Control program: Overview of Underground Disposal Control Program. Fact Sheets #1 #5. 15pp.
 - 4. Missoula Valley Aquifer Protection Ordinance. City Of Missoula. 17pp.
- 5.New Hampshire Department of Environmental Services. Environmental Fact Sheet. Protecting Groundwater from Floor Drains and Other Typical Discharges. 2pp.
- 6.New Jersey Department of Environmental Protection. Charles, E. April 1989. An Assessment of the Impact of Industrial and Commercial Septic Systems on Ground Water Quality in New Jersey. 37 pp.
- 7.Sevebeck, Kathryn. December 1992. Class V Non-Sanitary Septic Systems: A Case Study of Prince William Health District in Virginia. 39 pp.
- 8.Stelline, Ron, et al. August 1992. Massachusetts Department of Environmental Protection. Underground Injection Control Demonstration Project in Millis Massachusetts. 47 pp.
- 9.Summary of the Ground Water Pollution Caused by Subsurface Discharges in the State of New Jersey. Source Unknown. 1 p.
 - 10.U.S. Army Environmental Center. April 17, 1995. Wellhead Protection Requirements. Prepared by Horne Engineering Services, Inc. 30 pp.
- 11.USEPA. Office of Water. March 1996. Benefits and Costs of Prevention: Case Studies of Community Wellhead Protection Volume 1. EPA 813-B-95-005. 74 pp.

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Other Supporting Documentation

- 12.USEPA Region 5. Melcer, A. & Wiser, N. September 1995. Analyses from Sampling at Class V Industrial and Motor Vehicle Waste Disposal Wells. Lake Geneva Class V Symposium. 27 pp.
- 13.USEPA. Office of Groundwater and Drinking Water. August 1995. Is Your Communities Drinking Water at Risk? Misused Septic Systems Can Cost Millions. EPA 813-F-95-004. 4 pp.
- 14.USEPA. Office of Water. May 1990. A Review of Sources of Ground Water Contamination from Light Industry: Technical Assistance Document. EPA 440/6-90-005. 53 pp.
 - 15.USEPA. Date unknown. Data from the National Administrative Order on Motor Vehicle Waste Disposal Wells. 3 pp. + attachments (65 pp.)

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D. Legal Citations

1.Petition for rulemaking. Sierra Club, Natural Resource Defense Council, and Friends of the Earth petition the EPA to promulgate technical standards and criteria for Class V underground injection wells. September 7, 1990. (SEE UIC-PRO '95 Class V/I G.1)

2.USEPA. Administrative Order on Consent to 10 Major Petroleum Marketing Companies. In the matter of Amoco Corporation and Omega Oil Company. Docket No. UIC NAO-91-01. September 11, 1991. 49pp. (SEE UIC-PRO '95 Class V/I G.3)

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OMB Review

1.Red line/Strike Out Version of the Proposed Revisions to the Underground Injection Control Regulations for Class V Injection Wells Identifying OMB Recommendations/Suggestions. With 1 page attached cover letter from Robyn Delehanty, Underground Injection Control Program, U.S. EPA. 120 pp.

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Meeting Summaries

- 1. January 20, 1998. Meeting Summary. Revisions to the Underground Injection Control Regulations for Class V Injection Wells. Stakeholders Meeting #1. Washington, D.C. 10 pp.
 - 2.January 27, 1998. Meeting Summary. Revisions to the Underground Injection Control Regulations for Class V Injection Wells. Stakeholders Meeting #2. Chicago, IL. 8 pp.